

Report of Analysis

Client:	Louis Berger U.S., Inc., A WSP Company	Date Collected:	01/18/23
Project:	NYCDDC Phase II SCI Arthur Kill Road CEQR	Date Received:	01/19/23
Client Sample ID:	B-P19A	SDG No.:	O1232
Lab Sample ID:	O1232-06	Matrix:	SOIL
Level (low/med):	low	% Solid:	88.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5220		1	2.48	5.61	mg/Kg	01/20/23 15:00	01/20/23 21:12	SW6010	SW3050
7440-36-0	Antimony	0.73	JN	1	0.40	2.81	mg/Kg	01/20/23 15:00	01/20/23 21:12	SW6010	SW3050
7440-38-2	Arsenic	3.88		1	0.24	1.12	mg/Kg	01/20/23 15:00	01/20/23 21:12	SW6010	SW3050
7440-39-3	Barium	42.8		1	0.81	5.61	mg/Kg	01/20/23 15:00	01/20/23 21:12	SW6010	SW3050
7440-41-7	Beryllium	0.49	N	1	0.024	0.34	mg/Kg	01/20/23 15:00	01/20/23 21:12	SW6010	SW3050
7440-43-9	Cadmium	0.42		1	0.030	0.34	mg/Kg	01/20/23 15:00	01/20/23 21:12	SW6010	SW3050
7440-70-2	Calcium	1150		1	8.02	112	mg/Kg	01/20/23 15:00	01/20/23 21:12	SW6010	SW3050
7440-47-3	Chromium	21.6		1	0.10	0.56	mg/Kg	01/20/23 15:00	01/20/23 21:12	SW6010	SW3050
7440-48-4	Cobalt	9.75		1	0.084	1.68	mg/Kg	01/20/23 15:00	01/20/23 21:12	SW6010	SW3050
7440-50-8	Copper	21.1	N	1	0.47	1.12	mg/Kg	01/20/23 15:00	01/20/23 21:12	SW6010	SW3050
7439-89-6	Iron	15600		1	4.41	5.61	mg/Kg	01/20/23 15:00	01/20/23 21:12	SW6010	SW3050
7439-92-1	Lead	30.5		1	0.29	0.67	mg/Kg	01/20/23 15:00	01/20/23 21:12	SW6010	SW3050
7439-95-4	Magnesium	2490		1	10.2	112	mg/Kg	01/20/23 15:00	01/20/23 21:12	SW6010	SW3050
7439-96-5	Manganese	301		1	0.12	1.12	mg/Kg	01/20/23 15:00	01/20/23 21:12	SW6010	SW3050
7439-97-6	Mercury	0.051		1	0.0040	0.016	mg/Kg	01/20/23 16:35	01/23/23 11:16	SW7471B	
7440-02-0	Nickel	69.5		1	0.20	2.25	mg/Kg	01/20/23 15:00	01/20/23 21:12	SW6010	SW3050
7440-09-7	Potassium	898		1	26.2	112	mg/Kg	01/20/23 15:00	01/20/23 21:12	SW6010	SW3050
7782-49-2	Selenium	0.48	U	1	0.48	1.12	mg/Kg	01/20/23 15:00	01/20/23 21:12	SW6010	SW3050
7440-22-4	Silver	0.97		1	0.088	0.56	mg/Kg	01/20/23 15:00	01/20/23 21:12	SW6010	SW3050
7440-23-5	Sodium	154		1	26.3	112	mg/Kg	01/20/23 15:00	01/20/23 21:12	SW6010	SW3050
7440-28-0	Thallium	0.35	U	1	0.35	2.25	mg/Kg	01/20/23 15:00	01/20/23 21:12	SW6010	SW3050
7440-62-2	Vanadium	20.5		1	0.36	2.25	mg/Kg	01/20/23 15:00	01/20/23 21:12	SW6010	SW3050
7440-66-6	Zinc	41.8		1	0.23	2.25	mg/Kg	01/20/23 15:00	01/20/23 21:12	SW6010	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Brown	Clarity After:	Artifacts:	No
Comments:	METALS-TAL			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N =Spiked sample recovery not within control limits